

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS

33. (Currently amended) An endodontic dental reinforcement post for endodontic and reconstructive pin therapy comprising a prefabricated bundle of non-metallic and non-woven glass fibers in a cured resin, ~~said fibers being assembled in said resin without a traction pulling force being exerted thereto; said fibers and resin post~~ being flexible, and said post adapted to extend from an apical end to a coronal end of a tooth canal.

34. (Currently amended) The dental reinforcement post as in Claim 33 wherein said glass fibers are fiberglass fibers.

35. (Currently amended) The dental reinforcement post as in Claim ~~34~~ 33 wherein said fiberglass fibers are E-glass fibers.

36. (Previously presented) The dental reinforcement post as in Claim 33 wherein each fiber comprises a plurality of ~~light-transmitting~~ fiber optic filaments.

37. (Canceled)

38. (Original) The dental reinforcement post as in Claim 33 further comprising an epoxy ~~binder~~ resin.

39. (Currently amended) The dental reinforcement post as in Claim 38 wherein said epoxy resin further comprises an opaquer composition ~~therein~~.

40. (Currently amended) The dental reinforcement post as in Claim 33 wherein said ~~bundle of fibers~~ post has a rounded end.

41. (Currently amended) The dental reinforcement post as in Claim 33 wherein said ~~bundle of fibers have~~ post has a tapered end.

42. (Original) The dental reinforcement post as in Claim 33 further comprising at least one surface cut of about 50 to 100 micron depth to increase texturing.

43. (Original) The dental reinforcement post as in Claim 33 further comprising at least one facet of about 50 to 100 micron depth to increase texturing.

44. (Original) The dental reinforcement post as in Claim 33 further comprising at least one groove of about 50 to 100 micron depth to increase texturing.

45. (Currently amended) The dental reinforcement post as in Claim 33 further comprising at least one indentation of about 50 to 100 micron depth to increase texturing.

46. (Original) The dental reinforcement post as in Claim 42 further comprising at least one axially extending die drawn indentation of 50 to 100 micron depth to increase texturing.

47. (Original) The dental reinforcement post as in Claim 42 wherein said texturing is etched with acid.

48. (Original) The dental reinforcement post as in Claim 42 wherein said texturing is by sandblasting of said reinforcement member.

49. (Original) The dental reinforcement post as in Claim 42 wherein said texturing is by laser light.

50. (Original) The dental reinforcement post as in Claim 33 wherein said post is a dental reconstructive pin.

51. (Original) The dental reinforcement post as in Claim 50 wherein said dental reconstructive pin is looped.

52. (Original) The dental reinforcement post as in Claim 33 wherein said post is polished at one end to direct light axially therethrough.

53. (Currently amended) The dental reinforcement post as in Claim 33 wherein said dental reinforcement post comprises a plurality of adjacent coaxially extending dental reinforcement ~~posts~~ fibers.

54. (Currently amended) The dental reinforcement post as in Claim 53 wherein ~~each adjacent co-axially extending dental reinforcement~~ said post includes at least one axially extending facet abutting a further axially extending facet of a further adjacent coaxially extending dental reinforcement post for locking said plurality of adjacent coaxially extending dental reinforcement ~~posts~~ fibers in position within an interior canal of a tooth.

55. (Currently amended) A dental post and core device comprising ~~an inelastic~~ a post, said post having a coronal end and an apical end, said post including a prefabricated plurality of non-metallic and non-woven glass fibers in a cured resin, ~~said fibers being assembled in said resin without a traction pulling force being exerted thereto, said fibers and resin post being inelastic and flexible,~~ said

fibers extending between the coronal and the apical end of said post, and said post being inelastic and flexible.

56. (Original) The endodontic dental reinforcement post as in Claim 33 wherein said post has a flexibility closely approximating the flexibility of a tooth structure.

57. (Currently amended) The dental post and core device ~~inelastic post~~ as in Claim 55 wherein said inelastic post has a flexibility closely approximating the flexibility of a tooth structure.

58. (Original) The endodontic dental reinforcement post as in Claim 33 wherein said post is cylindrical.

59. (Currently amended) The dental post ~~and core~~ ~~inelastic post~~ as in Claim 33 wherein said post is tapered.

60. (Currently amended) The ~~endodontic~~-dental ~~reinforcement post~~ and core device as in Claim 55 wherein said post is cylindrical.

61. (Currently amended) The dental post and core device ~~inelastic post~~ as in Claim 55 wherein said post is tapered.

62. (Previously presented) The dental reinforcement post as in Claim 33 wherein said post adapts to the curvature of the canal.

63. (Previously presented) The dental reinforcement post as in Claim 33 wherein fibers are silica-based fibers.

64. (Currently amended) The dental reinforcement post as in Claim 33 wherein said post comprises a tapered series of truncated ~~conical~~ sections separated by serrations.

65. (Currently amended) The dental post and core device as in Claim 55 wherein said post comprises a tapered series of truncated ~~conical~~ sections separated by serrations.

66. (Previously presented) The dental reinforcement post as in Claim 55 wherein said post adapts to the curvature of the canal.

67. (Previously presented) The dental reinforcement post as in Claim 55 wherein fibers are silica-based fibers.

68. (Original) The dental reinforcement post as in Claim 33 wherein said fibers are glass fibers.

69. (Currently amended) The dental reinforcement post as in Claim 55 wherein said fibers are fiberglass fibers.

70. (New) The dental reinforcement post as in Claim 38 wherein said epoxy ~~binder~~ resin is ~~bis-Gma~~ bisGma.

71. (New) The dental reinforcement post as in Claim 33 wherein said glass is S-glass.

72. (New) The dental reinforcement post as in Claim 39 wherein said opaquer composition is a radio-opaque composition.

73. (New) The dental reinforcement post as in Claim 72 wherein said radio-opaque composition is barium sulfate.